





Sheet 1 of 5

Form PTO-1449

INFORMATION DISCLOSURE CITATION IN AN APPLICATION

(Use several sheets if necessary)

Docket Number 4323US (00-0		Application Number Not yet assign d	, E
Applicant	Robert L. Ca	anella 09/934175	

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Filing Date 8/21/01 Group Art Unit Unknown

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MM EK	3,670,409	06/20/1972	Reimer				
THE TE	4,716,049	12/29/1987	Patraw				
My EK	4,893,172	01/09/1990	Matsumoto et al.				
mise	4,902,606	02/20/1990	. Patraw				
m Ex	4,924,353	05/08/1990	Patraw		_		
My Ex	4,975,079	12/04/1990	Beaman et al.				_
mo Ex	5,006,792	04/09/1991	Malhi et al.				
MI EL	5,073,117	12/17/1991	Malhi et al.				
MEK_	5,086,337	02/04/1992	Noro et al.				
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not in conformance and not considered. Include copy of this form with next communication to the applicant.

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Mas El	5,173,055	12/22/1992		Grabbe		_		
MAY 54	5,228,861	07/20/1993		Grabbe				
Alm Ex	5,329,423	07/12/1994		Scholz				
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Sheet 3 of 5 Docket Number (Optional) **Application Number** Form PTO-1449 4323US (00-00068) Not yet assigned INFORMATION DISCLOSURE CITATION 09/934175 **Applicant** R bert L. Can Ila IN AN APPLICATION (Use several sheets if necessary) Group Art Unit 28/3Filing Date 8/21/01 Unknown **U.S. PATENT DOCUMENTS** DOCUMENT NUMBER EXAMINER FILING DATE IF APPROPRIATE DATE NAME CLASS SUBCLASS INITIAL 02/11/1997 5,602,422 Schueller et al. 5,611,705 03/18/1997 Pfaff 5,632,631 05/27/1997 Fjelstad et al. 5,637,008 06/10/1997 Kozel 5,646,447 07/08/1997 Ramsey et al. 5,669,774 09/23/1997 Grabbe 5,691,041 11/25/1997 Frankeny et al. 5,702,255 12/30/1197 Murphy et al. 5,727,954 03/17/1998 Kato et al. 5,730,606 03/24/1998 Sinclair 5,746,608 05/05/1998 **Taylor** FOREIGN PATENT DOCUMENTS Translation DOCUMENT DATE COUNTRY CLASS SUBCLASS NUMBER NO OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) DATE CONSIDERED **EXAMINER** EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

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Sheet 4 of 5 Docket Number (Optional) Form PTO-1449 Application Number 4323US (00-00068) Not yet assign d INFORMATION DISCLOSURE CITATION **Applicant** Robert L. Canella IN AN APPLICATION (Use several sheets if necessary) Filing Date 121/01 **Group Art Unit** Unknown **U.S. PATENT DOCUMENTS** EXAMINER DOCUMENT FILING DATE IF APPROPRIATE DATE NAME CLASS SUBCLASS 5,789,271 08/04/1998 Akram 5,802,699 09/08/1998 Fjelstad et al. 5,810,609 09/22/1998 Faraci et al. 5,812,378 09/22/1998 Fjelstad et al. 5,823,800 10/20/1998 Suehrcke et al. 5,829,988 11/03/1998 McMillan et al. 5,887,344 03/30/1999 Sinclair 5,934,914 08/10/1999 Fjelstad et al. 5,947,751 09/07/1999 Massingill 5,955,888 09/21/1999 Frederickson et al. 5,973,394 10/26/1999 Slocum et al. 5,983,492 11/16/1999 **Fjelstad** FOREIGN PATENT DOCUMENTS DOCUMENT DATE COUNTRY CLASS SUBCLASS NUMBER YES NO OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.) DATE CONSIDERED. **EXAMINER** EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

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Mrs Ex	6,002,590	12/14/1999	Fai	nworth et al.				
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my Er	6,036,503	03/14/2000		Tsuchida				
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Docket Number (Optional) 4323US (MUEI-0543.00/US)

Application Number 09/934,175

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9 EK.	4,760,335	07/1988	Lindberg				ļ <u></u> .
7 54	4,774,632	09/1988	Neugeba	uer			
o OK	4,933,808	06/1990	Horton et	al.			
2 54	5,015,191	05/1991	Grabbe e	t al.			
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Docket Number (Optional) 4323US (MUEI-0543.00/US) Application Number 09/934,175

Applicant Robert L. Canella

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MEL	5,208,529	05/1993	Tsurishima et al.				
my Ex	5,245,277	09/1993	Nguyen				
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Docket Number (Optional) 4323US (MUEI-0543.00/US) Application N 09/934,175

Applicant Rob rt L. Canella

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MS EX-	5,646,542	07/1997	Zamborelli et al.				
My SK	5,648,893	07/1997	Loo et al.		-		
MY SK	5,655,926	08/1997	Moon	_			
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MEK_	5,686,843	11/1997	Beilstein, Jr. et al.		_		
my SK	5,692,911	12/1997	Webster et al.				
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JAN 0 9 2002 Docket Number (Optional) **Application Number** Form PTO-1449 4323US (MUEI-0543.00/US) 09/934,175 INFORMATION DISCLOSURE SITATION & Applicant Rob rt L. Canella IN AN APPLICATION TRADEMAN (Use several sheets if necessary) Filing Date August 21, 2001 Group Art Unit 1762 **U.S. PATENT DOCUMENTS** DOCUMENT NUMBER EXAMINER FILING DATE IF APPROPRIATE DATE NAME CLASS SUBCLASS INITIAL 5,857,858 01/1999 Gorowitz et al. 5.888.837 03/1999 Fillion et al. 5,905,383 05/1999 Frisch 5,923,181 07/1999 Beilstein, Jr. et al. 5,959,840 09/1999 Collins et al. 5,973,340 10/1999 Mohsen 5,978,223 11/1999 Hamilton et al. 5,982,185 11/1999 Farnworth 6,062,874 05/2000 Matsuda et al. **FOREIGN PATENT DOCUMENTS** Translation DOCUMENT COUNTRY DATE CLASS SUBCLASS NUMBER YES NO OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

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PTO/SB/08A (10-01)

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

Complete if Known						
Application Number	09/934,175					
Filing Date	August 21, 2001					
First Named Inventor	Robert L. Canella					
Group Art Unit	2813					
Examiner Name	E. Kielin					
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Sheet of 1 Attorney Docket Number

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Examiner	Cite	Document Number	Publication Date	Name of Patentee or Applicant of	Pages, Columns, Lines, Where Relevant
Initials *	No.1	Number - Kind Code ³ (if known)	MM-DD-YYYY	Cited Document	Passages or Relevant Figures Appear
EX		US-4,713,611	12/15/1987	Solstad et al.	
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¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. that issued the document, by the two-letter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. Skind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1749901710 INFORMATION DISCLOSURE STATEMENT BY APPLICANT Filing Date August 21, 2001 First Named Inventor Robert L. Canella Group Art Unit 2813 (use as many sheets as necessary) Examiner Name E. Kielin

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U.S. PATENT DOCUMENTS Name of Patentee or Applicant of Document Number Pages, Columns, Lines, Where Relevant Publication Date Examiner Cite Cited Document MM-DD-YYYY Passages or Relevant Number - Kind Code2 (if known) Figures Appear 11/07/1989 US-4,878,846 Schroeder US- 6,407,566 B1 06/18/2002 Brunelle et al. 04/15/2003 US- 6,549,418 B1 Deeney US-US-US-US-US-US-US-US-.US-HS. US-US-US-US-US-

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¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ³ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet 1 of I

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PTO/SB/08A (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet I of I Attorney Docket Number 2269-4323US (MUEI-0543.00/US)

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Examiner	Cite	Document Number	Publication Date	Name of Patentee or Applicant of	Person Column Line Way and	
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Initials*	No.1	Country Code ³ - Number ⁴ - Kind Code ³ (if known)	Publication Date MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	T ⁶	
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